



**UNITED STATES DEPARTMENT OF COMMERCE  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/882,813	05/26/97	GOULD	0094-1P1V36

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EXAMINER  
CHAWAN, V

ART UNIT	PAPER NUMBER
2741	

DATE MAILED:

03/05/98

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

*VPK*

# Office Action Summary

Application No.

08/882,813

Applicant(s)

Gould et al.

Examiner

Vijay Chawan

Group Art Unit

2741



☐ Responsive to communication(s) filed on \_\_\_\_\_.

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 51-53 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 51-53 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

## DETAILED ACTION

### *Specification*

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

2. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 250 words. It is important that the abstract not exceed 250 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

3. The disclosure is objected to because of the following informalities:

- the specification as submitted has a smaller font size making it hard to read.
- the statement present showing the continuity that it is a continuation in part

also should contain the information that it is also a divisional application of serial number 08/382,752, which has been allowed.

Appropriate correction is required.

***Claim Rejections - 35 USC § 112***

4. Claims 51-53 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As per claim 51, line 4, "... most probably corresponds...", is vague and unclear in that it fails to point out and distinctly claim what the applicant as the invention. Similar language is again found in line 7, " finding one or more items in said body of text adjacent to..." is vague and unclear. Also at line 9, "... will be selected as most probably corresponding to..." is vague, and is not clear by what the applicant means by the words "... most probably...". Similar such problems are found in claim 53 also.

***Conclusion***

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Sakoe (4,286,115) teaches a system for recognizing words continuously spoken according to a format.

Rajasekaran et al., (4,780,906) teach speaker-independent word recognition method and system based upon zero-crossing rate and energy measurement of analog speech signal.

Baker et al., (4,783,803) teach speech recognition apparatus and method for recognizing a pattern in a collection of data given a context of one or more other patterns previously identified.

Baker (4,803,729) teaches a speech recognition method.

Baker et al., (4,805,219) teaches a method for speech recognition which determines if a portion of speech corresponds to a speech pattern by time aligning both the speech and a plurality of speech pattern by time aligning both the speech and a plurality of speech pattern models against a common time-aligning model.

Porter (4,829,576) teaches a text locating system which recognizes spoken utterances, uses the recognized words as a search string, and searches text for words matching that searches text for words matching that search string.

Baker (4,866,778) teaches an interactive speech recognition apparatus.

Goldhor et al., (5,231,670) teach a voice controlled system and method for generating text from a voice controlled input.

Strong (5,384,892) teaches dynamic language model for speech recognition.

Morrison (5,425,128) teaches an automatic management system for speech recognition process.

Ney et al., (5,613,034) teach a method and apparatus for recognizing spoken words in a speech signal.

Mikkilineni (5,623,578) teaches a speech recognition system which allows new vocabulary words to be added without requiring spoken samples of the words.

Pallkoff et al., (5,651,096) merging of language models from two or more application programs for a speech recognition system.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vijay Chawan whose telephone number is (703) 305-3836.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David R. Hudspeth, can be reached at (703) 308-4825.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

(703) 308-9051, (for formal communications intended for entry)

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Or:


(703) 305-9508 (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington.  
VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application should  
be directed to the Group Receptionist whose telephone number is (703)305-3900.

Vijay Chawan

February 13, 1998

  
DAVID R. HUDSPETH  
SUPERVISORY PATENT EXAMINER  
GROUP 2700